

**REVISED Appendix 2.** Stock summary table (last revised 5/15/06). Stock assessment reports for those stocks in boldface were updated in the 2006 draft SARs. A N/A designation means that data are not available to calculate a PBR level. An undetermined (Undet.) designation means that data are available to calculate a PBR level, and that a determination has been made that calculating a PBR level using those data is inappropriate.

Species	Stock	N (est)	CV	N(min)	Survey interval /year of last survey	0.5 Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Baird's beaked whale	Alaska	N/A		N/A		0.02 0.04	0.50	N/A	0	see txt	0	NS
Bearded seal	Alaska	N/A		N/A		0.06 0.12	0.50	N/A	2 0.68	6,788	6,789	NS
Beluga whale	Beaufort Sea	39,258	0.23	32,453	13/1992	0.02 0.04	0.50	324	0	162 152	152	NS
Beluga whale	E. Chukchi Sea	3,710	N/A	3,710	3/2002	0.02 0.04	1.00	74	0	65	65	NS
Beluga whale	E. Bering Sea	18,142	0.24	14,898	5/2000	0.02 0.04	1.00	298	0	209	209	NS
Beluga whale	Bristol Bay	1,888	0.2	1,619	5/2000	0.02 0.04	1.00	32	0.5 0	19	19	NS
Beluga whale	Cook Inlet	<b>357278</b>	<b>0.18</b>	<b>326238</b>	<b>1/2004</b>	<b>0.02 0.04</b>	<b>0.30</b>	<b>2.0 Undet.</b>	<b>0</b>	<b>1</b>	<b>1</b>	S
Bowhead whale	W. Arctic	<b>10,545</b>	<b>0.13</b>	<b>9,472</b>	<b>5/2001</b>	<b>0.02 0.04</b>	<b>0.50</b>	<b>95</b>	<b>0.2</b>	<b>41 39</b>	<b>40</b>	S
Cuvier's beaked whale	Alaska	N/A		N/A		0.02 0.04	0.50	N/A	0	0	0	NS
Dall's porpoise	Alaska	83,400 Unknown	0.1	76,874	5/2000	0.02 0.04	1.00	+537 Undet.	37.5 30	0	30	NS
Fin whale	NE Pacific	<b>5703</b>	N/A	<b>5703</b>	<b>2/2003</b>	<b>0.02 0.04</b>	<b>0.10</b>	<b>11.4</b>	<b>0.6</b>	<b>0</b>	<b>0.2</b>	S
Gray whale	E. N. Pacific	18,813	0.07	17,752	3/2002	0.0235 0.047	1.00	442 417	7.4 6.7	122	130	NS
Harbor porpoise	SE Alaska	<b>10,947</b> <b>17,076</b>	<b>0.265</b>	<b>8,954</b> <b>13,713</b>	<b>8/1997</b>	<b>0.02 0.04</b>	<b>0.50</b>	<b>90</b> <b>137</b>	<b>3*</b> <b>N/A</b>	<b>0</b>	<b>N/A</b>	<b>NSS</b>
Harbor porpoise	Gulf of Alaska	<b>30,506</b> <b>41,854</b>	<b>0.224</b>	<b>25,536</b> <b>34,740</b>	<b>7/1998</b>	<b>0.02 0.04</b>	<b>0.50</b>	<b>255</b> <b>347</b>	<b>40.3</b> <b>N/A</b>	<b>0</b>	<b>N/A</b>	<b>NSS</b>
Harbor porpoise	Bering Sea	<b>47,356</b> <b>66,078</b>	<b>0.232</b>	<b>39,328</b> <b>54,492</b>	<b>6/1999</b>	<b>0.02 0.04</b>	<b>0.50</b>	<b>393</b> <b>545</b>	<b>2</b> <b>N/A</b>	<b>0</b>	<b>N/A</b>	<b>NSS</b>
Harbor seal	SE Alaska	<b>37,450<sup>++</sup></b> <b>112,391<sup>-</sup></b>	<b>0.04</b>	<b>35,226</b> <b>108,670</b>	<b>6/1997-1998</b>	<b>0.06</b> <b>0.12</b>	<b>1.00</b> <b>0.5</b>	<b>2,114</b> <b>3,260</b>	<b>36</b> <b>0</b>	<b>1,749</b> <b>1,092</b>	<b>1,094</b>	NS

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Species	Stock	N (est)	CV	N(min)	Survey interval /year of last survey	0.5-Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Harbor seal	Gulf of Alaska	29,175 <sup>++</sup> 45,975 <sup>+</sup>	0.04	28,917 44,453	6/2000	0.06 0.12	0.50	868 1,334	36 24.2	791 795	821	NS
Harbor seal	Bering Sea	13,312 <sup>++</sup> 21,651 <sup>+</sup>	0.10	12,648 20,109	6/1996; 1999	0.06 0.12	0.50	379 603	31 1.3	161 174	177	NS
Humpback whale	W. N. Pacific	394	0.08	367	6+/1999	0.035 0.07	0.10	1.3	0.69 0.4	0	0.4	S
Humpback whale	CNP - entire stock	4,005	0.095	3,698	12/1993	0.035 0.07	0.10	12.9	4.2 3.0	0	4.6	S
	CNP - SEAK feeding area	961	0.12	868		0.035 0.07	0.10	3	2.7 1.0	0	2.4	
Killer whale	Alaska resident	1,123	N/A	1,123	8+?	0.02 0.04	0.50	11.2	2.5 1.5	0	1.5	NS
Killer whale	Northern resident (British Columbia)	216	N/A	216		0.02 0.04	0.5	2.16	0.0	0	0	NS
Killer whale	AT1 transient	8	N/A	8		0.02 0.04	0.50	0	0	0	0	S
Killer whale	GOA, AI, BS transient	314	N/A	314	8+?	0.02 0.04	0.5	3.1	2.5 0.4	0	0.4	NS
Killer whale	West Coast transient	314	N/A	314		0.02 0.04	0.5	3.1	0	0	0	NS
Minke whale	Alaska	N/A		N/A		0.02 0.04	0.50	N/A	0.32	0	0.32	NS
North Pacific right whale	E. N. Pacific	N/A	N/A	N/A	N/A	0.02 0.04	0.10	N/A	0	0	0	S
Northern fur seal	E. North Pacific	688,028 <sup>++</sup> 721,935	N/A	676,540 709,881	2/2004	0.043 0.086	0.50	14,546 15,262	15 0.5	869 754	756	S
Pacific white-sided dolphin	Cent. N. Pacific	26,880	N/A	26,880	12+/199 0	0.02 0.04	0.50	N/A	4 0	0	0	S NS
Ribbon seal	Alaska	N/A		N/A		0.06 0.12	0.50	N/A	4 0.8	193	194	NS
Ringed seal	Alaska	N/A		N/A		0.06 0.12	0.50	N/A	0.71	9,567	9,568	NS
Sperm whale	N. Pacific	N/A		N/A		0.02 0.04	0.10	N/A	0.5	0	0.5	S
Spotted seal	Alaska	N/A		N/A		0.06 0.12	0.50	N/A	2 0.88	5,265	5,266	NS

Species	Stock	N (est)	CV	N(min)	Survey interval /year of last survey	0.5 Rmax	F(r)	PBR	Fishery mort.	Subsist. mort.	Total mort.	Status
Stejneger's beaked whale	Alaska	N/A		N/A		0.02 0.04	0.50	N/A	0	0	0	NS
Steller sea lion	E. U. S.	44,996 47,885		43,728 44,555	2/2005	0.06 0.12	0.75	1,967 2,000	5.12 2.6	4 6	10.2	S
Steller sea lion	W.U. S.	38,513 38,988		38,513 38,988	2/2004	0.06 0.12	0.10	231 234	30.7 24.6	187 191	216	S

C.F. = correction factor; CV C.F. = CV of correction factor; Comb. CV = combined CV; Status: S=Strategic, NS=Not Strategic, N/A = not available.

\* = No or minimal reported take by fishery observers; however, observer coverage was minimal or nonexistent.

<sup>+</sup> = These changes in the abundance estimates do not indicate a major population increase. Instead, these increases are due to new analytical methods that take environmental covariates into account and thus provide an improved estimate of harbor seal abundance.

See txt = see text for details.

#### Citations

Laake, J. L., J. Calambokidis, S. D. Osmek, and D. J. Rugh. 1997. Probability of detecting harbor porpoise from aerial surveys: Estimating g(0). J. Wildlife Manage. 61(1):63-75.